

State of Louisiana
Department of Transportation and Development (DOTD)
Materials and Testing Section Approved Materials Procedure
for
PREFORMED ELASTOMERIC COMPRESSION JOINT SEALS

MATERIAL SPECIFICATION REFERENCE:

DOTD Standard Specifications Subsection 601.13, 805.12 and 1005.03

PRELIMINARY REQUIREMENTS:

Approved Materials Evaluation Form

The manufacturer shall submit a standard "Approved Materials Evaluation Form" to the DOTD Materials and Testing Section Coordinator listed below, along with a letter requesting evaluation for the Approved Material List.

General Information

Include all pertinent information relative to the material to be evaluated; including, but not limited to, manufacturer's specifications, typical analysis and a Safety Data Sheet (SDS) if applicable.

Certification and/or Test Reports

Submit a certificate of analysis reporting actual test results of the material properties for each product submitted.

Sample (to be furnished at no cost to the Department)

Submit an 8-foot length sample of the material for evaluation. Joint seals submitted for approval shall include a sample of the adhesive lubricant recommended by the manufacturer. (Refer to Approved Materials Procedure, "Adhesive Lubricant for Preformed Elastomeric Seals.")

TEST REQUIREMENTS:

Laboratory Testing

The Approved Materials sample shall be tested in accordance with the applicable procedures shown in the attached Subsections 1005.03.

Field Evaluation

The Department may require a field evaluation to ensure satisfactory installation and performance of the product prior to placement on the Approved Materials List. Seal characteristics checked will include the adhesion between the faces of the joint, ozone resistance, and the ability to reject incompressibles.

Evaluation Time

Laboratory testing - 2 weeks
Field evaluation - 18 months

GENERAL:

Upon completion of the evaluation, the submitter will be notified in writing concerning the results of the evaluation and whether the product will or will not be added to the Approved Materials List. The Department reserves the right to reevaluate any material at any time. The Department must be notified in writing of any change in material formulation. Significant changes may require reevaluation of the material.

PROJECT ACCEPTANCE REQUIREMENTS:

Inclusion of your product on the Approved Materials List is not blanket approval for its use.

All products, regardless of prior approval, shall be sampled in accordance with the Materials Sampling Manual.

DISQUALIFICATION:

Any material may be removed from the Approved Materials List for non-conformance with specifications or performance requirements. The Department must be notified in writing of any change in product formulation. Significant changes may require reevaluation of the material.

REQUALIFICATION:

A material which has been disqualified and removed from the Approved Materials List will be considered for reevaluation only after submission of a formal request along with acceptable evidence that the problems causing the disqualification have been resolved.

DOTD MATERIALS AND TESTING SECTION COORDINATOR

Patrick Icenogle , P.E.
Special Testing Engineer
DOTD Materials and Testing Section
5080 Florida Blvd.
Baton Rouge, LA 70806-4132
(225) 248-4131

Approved 2-5-15

A handwritten signature in black ink, appearing to read 'Chris Abadie', with a long horizontal stroke extending to the right.

CHRIS ABADIE, P.E.
MATERIALS ENGINEER ADMINISTRATOR